

STAFF REPORT

Date: July 24, 2024

To: Mayor and City Council

Through: Jackie Bryant, Interim City Manager

Subject: Staff Report (For Possible Action): Approval of Consultant Agreement for Construction Management Services with Shaw Engineering for the Huffaker and Lakeridge Lift Stations Replacement Project in an amount not to exceed \$537,370. (Sewer Fund)

From: Erick Miller, Associate Civil Engineer

Department: Utility Services

Summary:

This agreement with Shaw Engineering for construction management services will provide inspection, materials testing, surveying, and SCADA programming during the construction of the Huffaker and Lakeridge Lift Stations Replacement Project. Staff recommends Council approval of the agreement with Shaw Engineering in an amount not to exceed \$537,370.

Consent Review	Yes	No
1. Is this item an annual or standard item that comes before Council for regular approval?		X
2. Is this item an agreement required based on an item previously approved by Council?		X
3. Is this item included in the current budget approved and adopted by Council?	X	
Other Considerations		
What percent of the total City budget does this item represent?	0.05%	

Alignment with Strategic Plan:

Fiscal Sustainability

Infrastructure, Climate Change, and Environmental Sustainability

Previous Council Action:

April 26, 2023 – Council approved an agreement with Shaw Engineering for professional

engineering services for the Huffaker and Lakeridge Lift Stations in an amount not to exceed \$321,940 (Sewer Fund).

June 13, 2018 – Council approved a consultant agreement with Brown and Caldwell (BC) for the Sanitary Sewer Lift Station Condition Assessment and Master Plan in an amount not to exceed \$469,352 (Sewer Fund).

Background:

In addition to the over 835 miles of sanitary sewer pipe within the City of Reno's (Reno) sanitary sewer collection system, it also includes 30 lift stations. Reno commissioned BC to produce a lift station (LS) assessment report to evaluate the condition of Reno's lift stations. BC published the report in February 2020. As part of the evaluation, BC provided a prioritized list of recommended improvements. BC assigned a rehabilitation priority score of 1 (highest) to 5 (lowest) to all lift stations.

The Huffaker LS and Lakeridge LS were both constructed in 1977. The lift station assessment report assigned a score of 2 to both stations due to outdated infrastructure and non-compliance with current industry standards. The report recommends replacement for both lift stations.

The Huffaker LS is near the intersection of Brunson Drive and Autumn Hills Drive. The Lakeridge LS is located on Lake Ridge Shores East. The lift station sites, and the associated force mains, are shown in red on the location maps below.

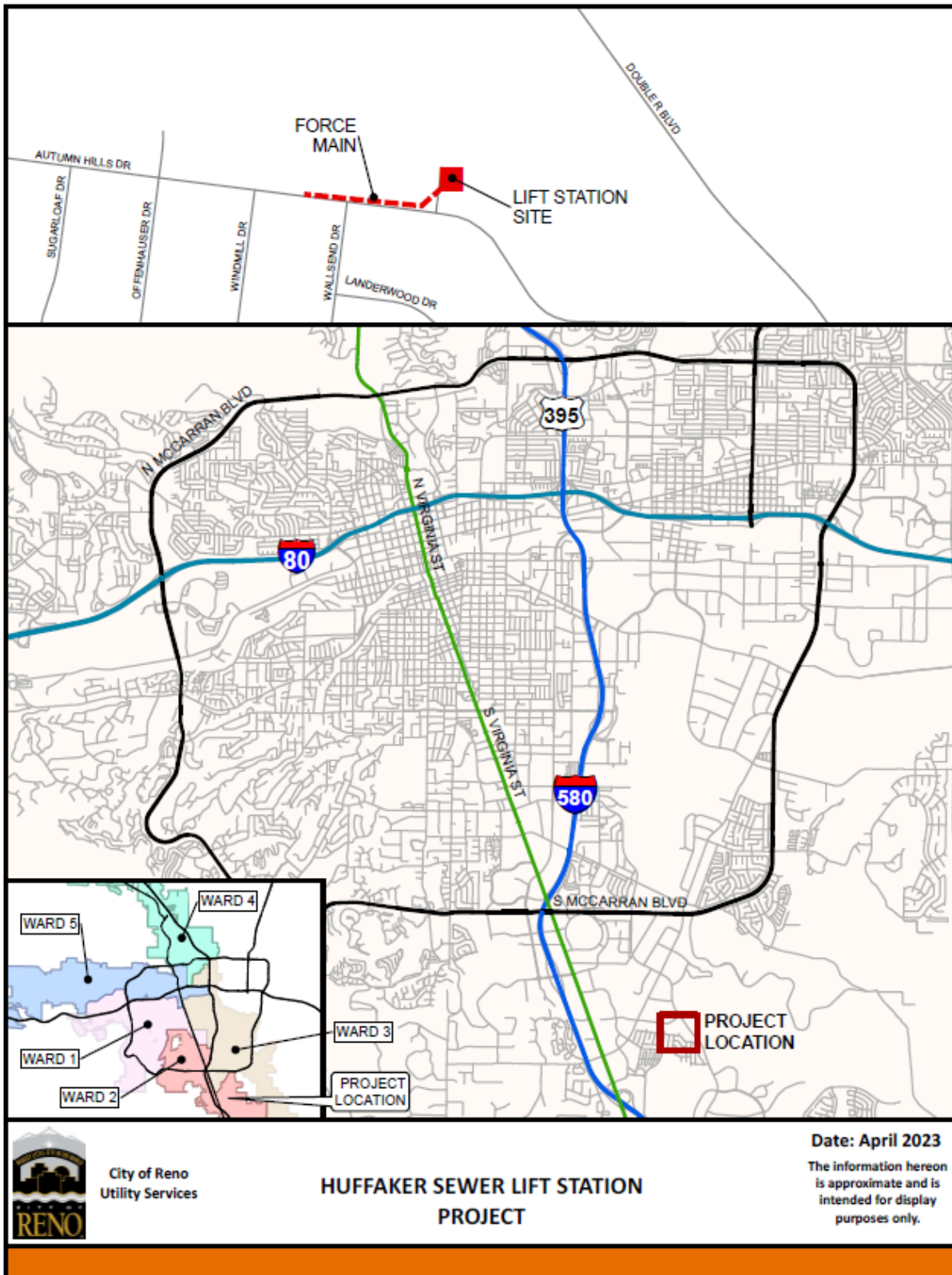
Discussion:

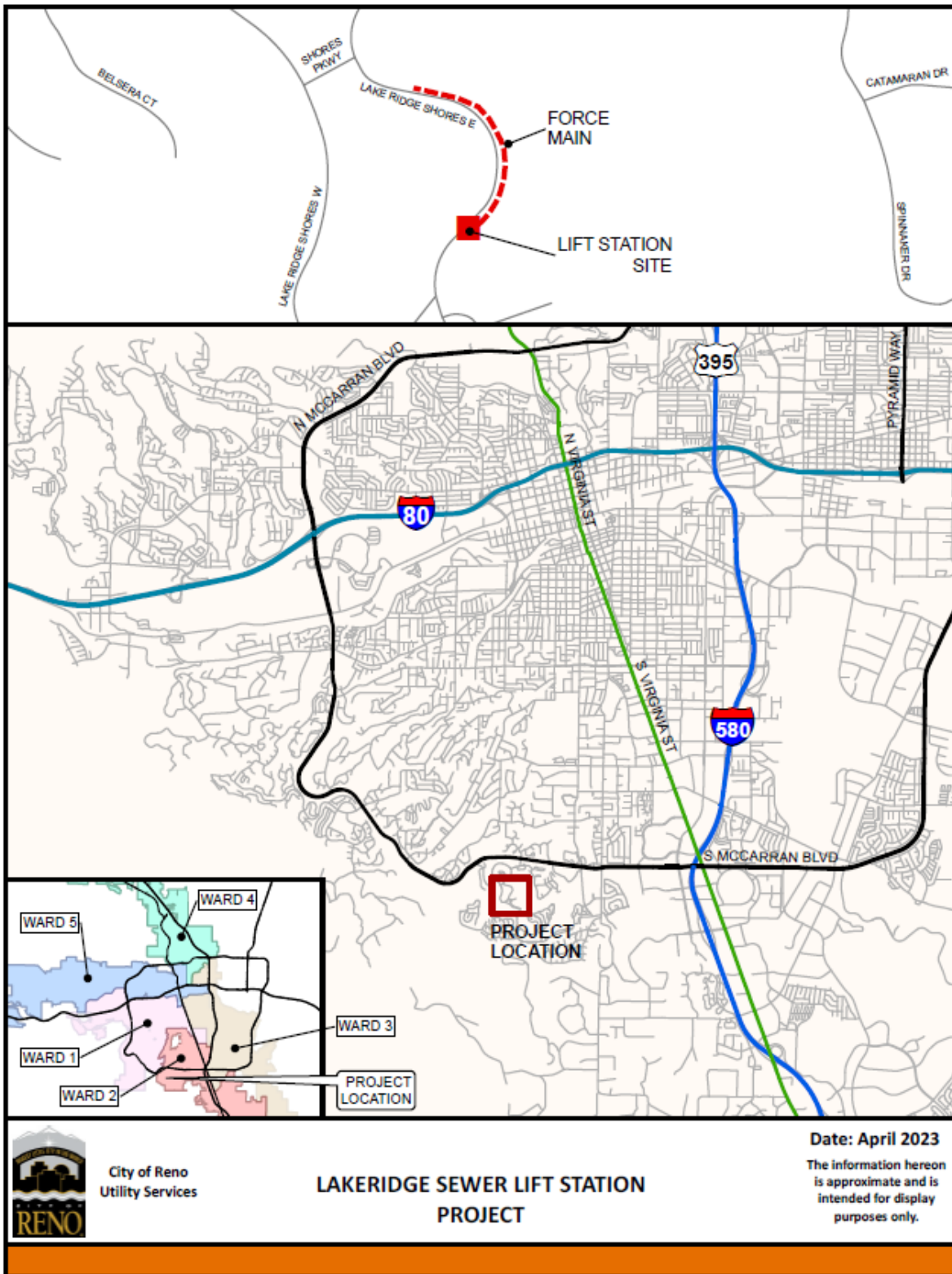
Construction inspection is crucial for underground utilities as it helps ensure the contractor builds the project per plan/specification. This construction services agreement will provide inspection services, materials testing and special inspections, surveying, SCADA integration and programming, electrical short circuit analysis, and arc flash analysis during the construction of both lift stations. Services also include inspection of approximately 450 feet of new sanitary sewer force main for the Huffaker LS and 700 feet of new sanitary sewer force main for the Lakeridge LS.

The construction of the Huffaker and Lakeridge Lift Stations Replacement Project is being considered for award by Council under a separate agenda item on July 24, 2024.

Nevada law prohibits the competitive bidding of engineering, architectural, or land surveyor services; therefore, the Public Works Department has established a selection process based on competence and qualifications. Staff selected Shaw Engineering from Reno's 2024 to 2026 pre-qualified list of consultants.

Location Maps





Financial Implications:

This project is included in the approved fiscal year (FY) 25 Capital Improvement Program (Sewer Fund).

Legal Implications:

The parties are bound by the terms of the agreement as prepared by the Office of the City Attorney.

Recommendation:

Staff recommends approval of the consultant agreement with Shaw Engineering in an amount not to exceed \$537,370 and authorize the Mayor to sign.

Proposed Motion:

I move to approve staff recommendation.

Attachments:

Huffaker and Lakeridge CM Agreement Shaw